PTO/SB/08A (Modified	\sim
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Substitute for form 1449A/PTO	Complete if Known		
	Application Number	09/513,768	
JNFORMATION DISCLOSURE	Filing Date	02/25/2000	
STATEMENT BY APPLICANT	First Named Inventor	Mills	
OCT 3 0 2007	Group Art Unit	2881	
(use as many sheets as necessary)	Examiner Name	Wells	
Sheet 1 of 38	Attorney Docket Number		

Examiner Cite No. 1		U.S. Patent	Document	Name of Patentee of Applicant	Date of Publication of	Pages, Columns, Lines, Where
		Number	Kind Code ^w (if known)	of Cited Document	Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear
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Examiner Signature	/Nikita Wells/ (02/02/2008)	Date Considered	02/02/2008
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known				
	INFORMATION DISCLOSURE		Application Number	09/513,768		
INFO	RMATION	DIS	SCLOSURE	Filing Date	02/25/2000	
STA	TEMENT B	BY A	APPLICANT	First Named Inventor	Mills	
				Group Art Unit	2881	
(use as many sheets as necessary)			as necessary)	Examiner Name	Wells	
Sheet	2	of	38	Attorney Docket Number		

			U.	S. PATENT DOCUM	ENTS	
Examiner Cite No. 1		U.S. Patent Docu	ment	Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
(8.13.8.47		Number (if known)			Appear
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Substitute	INFORMATION DISCLOSURE STATEMENT BY APPLICANT Group Art Group Art	Compl	Complete if Known			
				Application Number	09/513,768	
INF	ORMATION	DIS	SCLOSURE	Filing Date	02/25/2000	
ST	ATEMENT E	BY A	PPLICANT	First Named Inventor	Mills	
				Group Art Unit	2881	
(use as many sheets as necessary)				Examiner Name	Wells	
Sheet	3	of	38	Attorney Docket Number		

			F	OREI	GN PATENT DOCU	JMENTS		
Examiner Initials*	Ci te N o.	Office ³	reign Patent Document Kind Code ⁵ Number ⁴ (if known)		Kind Code ⁵ Name of Patentee or		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Signature		Considered	

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Substitute	for form 1449A/PTO			Compl	ete if Known
	FORMATION DISCLOSUR		Application Number	09/513,768	
INF	ORMATION	DIS	SCLOSURE	Filing Date	02/25/2000
ST	ATEMENT E	BY A	PPLICANT	First Named Inventor	Mills
				Group Art Unit	2881
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Sheet	4	of	38	Attorney Docket Number	

Examiner	Ci	F	oreign Patent Documen	t		Date of Publication of	Pages, Columns, Lines,	1
Initials* te N O. 1		Office ³	Kind C Number ⁴ (if kno		Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
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Signature		Considered	

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Substitute	e for form 1449B/PTO			Complete if Known			
Substitute for form 1443D/F TO				Application Number	09/513,768		
ini	FORMATION	DIS	SCLOSURE	Filing Date	02/25/2000		
STATEMENT BY APPLICANT				First Named Inventor	Mills		
				Group Art Unit	2881		
(use as many sheets as necessary)				Examiner Name	Wells		
Sheet	5	of	38	Attorney Docket Number			

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Substitute	5 101 101111 1445B/F 10		٠	Application Number 0	9/ 513,768			
INI	FORMATION	I DIS	SCLOSURE	Filing Date	02/25/2000			
ST	ATEMENT E	BY A	PPLICANT	First Named Inventor	Mills			
,	,			Group Art Unit	2881			
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Sheet	6	of	98	Attorney Docket Number		·		

		NON PATENT LITE	RATURE DOCL	UMENTS					
Examine r Initials*	Cite No. 1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
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Substitute	e for form 1449B/PTO			Complete if Known			
Substitute	510110IIII 1443D/F10			Application Number	09/513,768		
IN	ORMATION	I DIS	SCLOSURE	Filing Date	02/25/2000		
ST	ATEMENT E	BY A	PPLICANT	First Named Inventor	Mills		
				Group Art Unit	2881		
	(use as many she	ets as	s necessary)	Examiner Name	Wells		
Sheet	7	of	3 B	Attorney Docket Number			

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Examiner Signature		/Nikita Wells/ (02/02/2008)	Date Considered	02/02/2008	<u>I</u>				

Substitute	e for form 1449B/PTO			Complete if Known			
Oubstitute	5101101111 14430/1 10			Application Number	09/513,768		
INI	FORMATION	DIS	SCLOSURE	Filing Date	02/25/2000		
ST	ATEMENT E	BY A	PPLICANT	First Named Inventor	Mills		
				Group Art Unit	2881		
	(use as many she	ets as	s necessary)	Examiner Name	Wells		
Sheet	8	of	38	Attorney Docket Number			

		NON PATENT LITERA	ATURE DOC	UMENTS			
Examine r Initials* Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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Substitute	for form 1449B/PTO			Complete if Known			
Outsiliate for form 14450/1 TO				Application Number	09/513,768		
INI	ORMATION	I DIS	CLOSURE	Filing Date	02/25/2000		
STATEMENT BY APPLICANT				First Named Inventor	Mills		
				Group Art Unit	2881		
(use as many sheets as necessary)				Examiner Name	Wells		
Sheet	9	of	<i>38</i>	Attorney Docket Number			

		NON PATENT LITER	ATURE DOC	UMENTS				
Examine r Initials* Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
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Examiner /Nikita Wells/ (02/02/2008) Date 02/02/2008 Signature Considered								

Substitute	for form 1449B/PTO	*	•	Complete if Known			
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INI	ORMATION	DIS	SCLOSURE	Filing Date	02/25/2000		
	ATEMENT E			First Named Inventor	Mills		
				Group Art Unit	2881		
	(use as many she	ets as	s necessary)	Examiner Name	Wells		
Sheet	10	of	38	Attorney Docket Number			

		NON PATENT LITERA	ATURE DOC	JMENTS				
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Substitute	e for form 1449B/PTO			Complete if Known			
Substitute	101101111 1443571 10			Application Number	09/513,768		
INF	FORMATION	DIS	SCLOSURE	Filing Date	02/25/2000		
STATEMENT BY APPLICANT				First Named Inventor	Mills		
				Group Art Unit	2881		
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Sheet	11	of	38	Attorney Docket Number			

		NON PATENT LITERA	ATURE DOCI	JMENTS		
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		92. Mills et al., "Energetic Catalyst-Hydroge Source," Central European Journal of Physic 2003.)						
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		84. Mills et al., "Comparison of Balmer α Li Hydrogen Plasma Sources," Braz. J. Phys., 2003.)	ne Broadening submitted. (In	and Power Balances of Helium- ternet Publication Date: March 12,				
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/NW/		44. Mills, et. al. "Synthesis and Characteriz Journal of Hydrogen Energy, submitted. (In							
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/NW/	29. Mills et al., "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Hydrogen Molecular Ion," Int. J. Hydrogen Energy, Vol. 27, No. 5, (2002), pp. 533–564. (Internet Publication Date: July 19, 2001.)						
	Examiner Signature /Nikita Wells/ (02/02/2008) Date Considered 02/02/2008				I		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here is English language Translation is attached.

Substitute	for form 1449B/PTO			Complete if Known			
Cabsiliale	10 10 11 14435/1 10			Application Number	09/513,768		
INF	ORMATION	DIS	SCLOSURE	Filing Date	02/25/2000		
ST	ATEMENT E	BY A	PPLICANT	First Named Inventor	Mills		
				Group Art Unit	2881		
	(use as many she	ets a	s necessary)	Examiner Name	Wells		
Sheet	34	of	28	Attorney Docket Number			

- NON PATENT LITERATURE DOCUMENTS							
Examine Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²		
/NW	,	28. Mills et al., "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter," Int. J. Hydrogen Energy, (2002), Vol. 27, No. 3, pp. 301–322. (Internet Publication Date: Aug. 1, 2001.)					
200000000000000000000000000000000000000		27. Mills, et. al. "Spectroscopic Identification Atomic Hydrogen and the Hydride Ion Prodiction 27, No. 2, (2002), pp. 183-192. (Internet Pu	uct", <i>Internatio</i> i	nal Journal of Hydrogen Energy, Vol.			
	26. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity," Proceedings of the National Hydrogen Association, 12 th Annual U.S. Hydrogen Meeting and Exposition, Hydrogen: The Common						
***************************************		25. Mills, et. al. "Minimum heat of formation of potassium iodo hydride." <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, pp. 1199-1208. (Internet Publication Date: March 23, 2001)					
880000000000000000000000000000000000000		24. Mills, et al. "Stereoscopic Identification of a Novel Catalytic Reaction of Atomic Hydrogen and the hydride ion product." <i>International Journal of Hydrogen Energy</i> , Vol. 26. 2001. pp.1041-1058. (Internet Publication Date: March 23, 2001.)					
000000000000000000000000000000000000000		23. Mills et al., "Optically Measured Power Balances of Glow Discharges of Mixtures of Argon, Hydrogen, and Potassium, Rubidium, Cesium, or Strontium Vapor," Int. J. Hydrogen Energy, Vol. 27, No. 6, (2002), pp. 651–670. (Internet Publication Date: July 20, 2001.)					
000000000000000000000000000000000000000		22. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," Global Foundation, Inc. Orbis Scientiae entitled The Role of Attractive and Repulsive Gravitational Forces in Cosmic Acceleration of Particles The Origin of the Cosmic Gamma Ray Bursts, (29th					
/NW	21. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," Int. J. Hydrogen Energy, Vol. 27, No. 5, (2002), pp. 565–590. (Internet Publication Date: Sept. 17, 2001.)						
Examiner Signature	Examiner /Nikita Wells/ (02/02/2008) Date 02/02/2008 Signature Considered Considered		02/02/2008				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here is English language Translation is attached.

Substitute	e for form 1449B/PTO		Complete if Known		
Substituti	6 101 101111 1 143 51F 10		Application Number	513,768	
IN	FORMATION	DISCLOSURE	Filing Date	02/25/2000	
		BY APPLICANT	First Named Inventor	Mills	
			Group Art Unit	2881	
	(use as many she	ets as necessary)	Examiner Name	Wells	
Sheet	35	Of 78	Attorney Docket Number		

- NON PATENT LITERATURE DOCUMENTS						
Examine Cite No. 1		item (book, magazine, journal, serial, symposiu	f the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the zine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/N/W/		20. Mills et al., "Argon-Hydrogen-Strontium Discharge Light Source," IEEE Transactions on Plasma Science, Vol. 30, No. 2, (2002), pp. 639–653. (Internet Publication Date: Dec. 7, 2000.)				
200000000000000000000000000000000000000		19. Mills et al., "Identification of Compounds Containing Novel Hydride Ions by Nuclear Magnetic Resonance Spectroscopy," Int. J. Hydrogen Energy, Vol. 26, No. 9, (2001), pp. 965–979. (Internet Publication Date: March 22, 2001.)				
000000000000000000000000000000000000000		18. Mills, "BlackLight Power Technology-A New Clean Energy Source with the Potential for Direct Conversion to Electricity," Global Foundation International Conference on "Global Warming and Energy Policy," Dr. Behram N. Kursunoglu, Chairman, Fort Lauderdale, FL,				
200000000000000000000000000000000000000		17. Mills, "The Nature of Free Electrons in Superfluid Helium—a Test of Quantum Mechanics and a Basis to Review its Foundations and Make a Comparison to Classical Theory," Int. J. Hydrogen Energy, Vol. 26, No. 10, (2001), pp. 1059–1096. (Internet Publication Date: Dec. 11,				
		16. Mills et al., "Excessively Bright Hydrogen-Strontium Plasma Light Source Due to Energy Resonance of Strontium with Hydrogen," J. of Plasma Physics, Vol. 69, (2003), pp. 131–158. (Internet Publication Date: Aug. 27, 2001.)				
000000000000000000000000000000000000000		15. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Certain Catalysts," Int. J. Hydrogen Energy, Vol. 25, (2000), pp. 919–943. (Internet Publication Date: June 27, 2000.)				
000000000000000000000000000000000000000		14. R. Mills, "Observation of Extreme Ultraviolet Emission from Hydrogen-KI Plasmas Produced by a Hollow Cathode Discharge," Int. J. Hydrogen Energy, Vol. 26, No. 6, (2001), pp. 579-592. (Internet Publication Date: July 10, 2000.)				
* /NW/		13. Mills, "Temporal Behavior of Light-Emission in the Visible Spectral Range from a Ti-K2CO3-H-Cell," Int. J. Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 327–332. (Internet Publication Date: July 10, 2000.)				
Examiner Signature		/Nikita Wells/ (02/02/2008)				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here is English language Translation is attached.

Substitute for form 1449B/PTO				Complete if Known		
Substitute	5 101 101111 1443B/F 10			Application Number	09/513,768	
l INI	FORMATION	DIS	SCLOSURE	Filing Date	02/25/2000	
	TATEMENT E	_		First Named Inventor	Mills	
				Group Art Unit	2881	
:	(use as many she	ets as	necessary)	Examiner Name	Wells	
Sheet	36	of	. 38	Attorney Docket Number		

- NON PATENT LITERATURE DOCUMENTS							
Examine Cite No. 1		item (book, magazine, journal, serial, symposit	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
/NW/		12. Mills et al., "Formation of a Hydrogen Plasma from an Incandescently Heated Hydrogen-Catalyst Gas Mixture with an Anomalous Afterglow Duration," Int. J. Hydrogen Energy, Vol. 26, No. 7, July, (2001), pp. 749–762. (Internet Publication Date: June 28, 2000.)					
290000000000000000000000000000000000000		11. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance," Int. J. Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 309–326. (Internet Publication Date: June 27, 2000.)					
Quoquadananassa		10. Mills et al., "Synthesis and Characterization of Potassium Iodo Hydride," Int. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1185–1203. (Internet Publication Date: Nov. 12, 2001.)					
000000000000000000000000000000000000000		9. Mills. "Novel inorganic hydride." International Journal of Hydrogen Energy, Vol 25, 2000, pp. 669-683. (Internet Publication Date: June 28, 2000)					
		8. Mills et al., "Synthesis and Characterization of Novel Hydride Compounds," Int. J. of Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 339–367. (Internet Publication Date: June 13, 2001.)					
300000000000000000000000000000000000000	7. R. Mills, "Highly Stable Novel Inorganic Hydrides," Journal of New Materials for Electrochemical Systems, Vol. 6, (2003), pp. 45-54. (Internet Publication Date: Nov. 20, 2001.)						
000000000000000000000000000000000000000	6. R. Mills, "Novel Hydrogen Compounds from a Potassium Carbonate Electrolytic Cell," Fusion Technology, Vol. 37, No. 2, March, (2000), pp. 157-182. (Internet Publication Date: June 26, 2000.)						
/NW/		5. Mills, "The Hydrogen Atom Revisited," Int. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1171–1183. (Internet Publication Date: June 27, 2000.)					
Examiner Signature		/Nikita Wells/ (02/02/2008) Date Considered 02/02/2008					

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¹ Unique citation designation number. ² Applicant is to place a check mark here is English language Translation is attached.

PTO/SB/08B (Modified)

Substitute	Substitute for form 1449B/PTO			Complete if Known		
Substitute for form 144307F TO				Application Number	09/513,768	
INI	FORMATION	I DIS	CLOSURE	Filing Date	02/25/2000	
1	ATEMENT E			First Named Inventor	Mills	
	(use as many sheets as necessary)			Group Art Unit	2881	
				Examiner Name	Wells	
Sheet	37	of	38	Attorney Docket Number		

		- NON PATENT LITE	RATURE DO	CUMENTS				
Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
/NW/		4. Mills et al., "Fractional Quantum Energy No. 4, November, (1995), pp. 1697–1719. (
220000000000000000000000000000000000000		3. Mills et al., "Dihydrino Molecule Identification," Fusion Technology, Vol. 25, 103-119 (Jan. 1994). (Internet Publication Date: April 11, 2001.).						
222000000000000000000000000000000000000	Mills Technologies. "1KW Heat Exchanger System." Thermacore, Inc., Oct 11 1991, pp. 1-6							
000000000000000000000000000000000000000	Mills Technologies. "1KW Heat Exchanger System." Thermacore, Inc., April 17, 1992, pp. 1-6							
		Mills, "Classical Quantum Mechanics." Phys	sica Scripta, su	bmitted.				
22.000	Mills, "The Grand Unified Theory of Classical Quantum Mechanics," (2001), Distributed by Amazon.Com.							
200000000000000000000000000000000000000		Mills, et. al. "Excess Heat ProductionCold Fusion." <i>Fusion Technology</i> , Vol 20, Feb 1991, pp. 65-81.						
/NW/ Mills, et. al. Fusion Technol. Vol.20, 65 (1991). Internet Publication Date 4/11/01								
Examiner Signature	VE/02/2000							

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here is English language Translation is attached.

PTO/SB/08B (Modified)

					T TOTOBIOOD (Modified	
Substitute for form 1449B/PTO				Complete if Known		
•				Application Number	09/513,768	
IN	FORMAT	ION D	ISCLOSURE	Filing Date	02/25/2000	
STATEMENT BY APPLICANT				First Named Inventor	Mills	
				Group Art Unit	2881	
	(use as many sheets as necessary)			Examiner Name	Wells	
Sheet	38	of	28	Attorney Docket Number		

		- NON PATENT LITERATURE DOCUMENTS						
Examine r Initials* Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
/NW	/	Mills,. "Author's response 'A possible trick of Hydride atom'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, p. 1225.						
300000000000000000000000000000000000000		Mills, "BLACKLIGHT POWER TECHNOLOGY: A New Clean Energy Source with the Potential for Direct Conversion to Electricity," International Conference on Global Warming and Energy Policy, Ft. Lauderdale, Florida, November 26-28, 2000. Internet Publication 1/19/01						
Mills, "Hydro catalysis Power Technology," Statement of Dr. Randell L. Mills, May, 1993.								
Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 1-9								
000000000000000000000000000000000000000		Mills, "Unification of Spacetime, the Forces, Matter, Energy, Hydro catalysis Power Corporation," 1992, pp. 53-84.						
		Mills, "Author's response to 'Hydrino atom: novel chemistry or invalid physics'," International Journal of Hydrogen Energy, Vol 26, 2001, pp. 1233.						
Mills,"Author's response to 'Hydrino theory- a proposed amendment'," International Journal of Hydrogen Energy, Vol 26, 2001, pp. 1229-1231.								
200000000000000000000000000000000000000		Mills."Power Spectrum of the Cosmic Microwave Background" BlackLight Power, Inc. 2001.						
/NW	,	Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 13-14, BlackLight Power, Inc., pp. 433-440, 2001.						
Examiner		/Nikita Wells/ (02/02/2008) Date 02/02/2008						

	. [Cash		
			Compensation	Payments	Options	Shares
ATTACHMENT A		Date(s)	Arrangements	Made	Issued	Owned
AKHTAR			Employee		EE Options	
(Employee)	Dr. Kamran	-	Salary	-	Only	None
BALDWIN						
(NASA)	Dr. R.	<u> </u>	-	-	None	None
BONIFACE						
(Chalk River Labs)	Dr. H.A.	<u> </u>	-	-	None	None
			Ad Hoc/			
BRADFORD	DT.		One-time			
(PSU Student)	Michael	9/13/1994	Only	9/13/1994	None	None
CHANG			Employee		EE Options	A
(Employee)	Dr. Zhixiang	-	Salary	-	Only EE Options	None
CHEN	Dr. Chun Ku	6/1/04 6/21/06	\$50/hour	2/7/2005	Only	None
(EE & Consultant) CHEN	Dr. Chun-Ku	6/1/04-5/31/05	Employee	21112003	EE Options	140116
(Employee)	Dr. Xuemin	_	Salary		Only	None
CLARK	Dr. Ademin		Calary		J,	110110
(INP Greifswald)	Dr. H.R.	-	-	-	None	None
					Options granted	
					from 9/9/96 to	
	True and				8/5/97;	
CONRADS					some options	
(INP Greifswald		8/4/99-9/23/05	2 wire transfers	2/14/00	expired;	Some options
	Dr.			6/12/01	some options	exercised
to Conrads)	asimetion for				exercised 9/7/06	9/7/06
CRAIG	Dr. W.Y.	-	-	-	None	None
CRAW-IVANCO					Name	Mana
(Chalk River Labs)	Dr. M.T.	-	- Employee	-	None EE Options	None
DAYALAN	Du Ethinoista		Salary		Only	None
(Employee) DHANDAPANI	Dr. Ethirajulu		Employee		EE Options	None
(Employee)	Dr. Bala	_	Salary	_	Only	None
(Lilipioyee)	Di. Dala	7/30/03-1/31/04	\$35/hour	2/28/02		140116
DONG	. 1	2/1/04-7/31/04	\$45/hour	8/20/03	EE Options	
(EE & Consultant)	Dr. Jinguan	11/16/04-5/1/505	\$45hour		Only	None
ECHEZURIA			Employee		EE Options	
(Employee)	Alejandra	-	Salary		Only	None
FRALICK						
(Semitech)	Dr. G.C.		-	-	None	None
FUELLING	Dr. Control]		
(U Nevada)	Stephan	-	-	-	None	None
GAMBERALE	Luca	-	-	-	None	None
GERNERT	_		1			A1-
(Thermacore)	Dr. N.J.	-	-	•	None	None
	'				EE & Officer	Shares Owned
GOOD] .		Employee		Options Issued Beginning	Snares Owned Beginning
(EE & Officer)	William		Salary	_	9/1/92	1991
(EE & Officer)	I v v i i i i a i i i	-	Galary		3/1/32	1991

MILLER (Lehigh U)	Dr. Alfred	_	\$250	6/12/1997	all options expired	None
					Options granted 9/9/96 to 3/3/97;	
NASA)	Dr. I.	-	-	-	None	None
EE & Consultant) IEYERS	Dr. Robert	6/8/01-8/8/01	\$50/hour	7/23/2001	Only	None
Rowan U) IAYO	Anthony &	(contract)	non-material	12/31/2002	None EE Options	None
IARCHESE	Dr.	6/10/02-10/31/02	\$10			
U EE & Consultant)	Dr. Ying	5/30/03-6/30/03 7/1/03-7/31/03 8/1/03-1/30/04	\$45/hour \$45/hour \$45/hour		EE Options Only	None
		8/6/01 5/9/03-5/16/03 5/27/03-5/30/03	\$100/hour \$80/hour \$80/hour	10/01/01 5/23/03		
U of Ohio)	Dr. Jang-Jung	P.IC 104	£400/h	10/04/04	None	None
URTZ PS <i>U)</i> EE	Or Sieven	 	-	-	11/8/02; some expired	None
		·····			Options granted 9/9/96 to	
Moscow Power Engineering nstitute)	Dr. A.P.	_	_	_	None	None
RYUKOV						
Rowan U) NEIZYS	S.	(contract)	-	-	None	None
ANSSON	Dr. Peter M.	6/10/02-10/31/02 (contract)	\$100 \$10	10/17/97 12/31/2002	None	Purchased shares 7/2/97; gifted to ex-wife and son 5/1/07
ACOX	Dr. Michael	-	•	-	Options granted 9/9/96 to 3/3/97; all options expired	None
SELER MIT Lincoln Labs)	Dr. G.W.	•	-	-	None	None
ILBORN Chalk River Labs)	Dr. J.W.	-	-	-	None	None
ICKS Employee)	Steven	-	Employee Salary	_	EE Options Only	None
E Employee)	Dr. Jiliang	-	Employee Salary	-	EE Options Only	None
ALDEMAN MIT Lincoln Labs)	Dr. C.W	_	_		None	None
REENIG EE & Consultant)	Nelson	3/8/04-3/7/05 3/8/05-3/7/06 3/8/06-3/7/07 3/8/07-3/7/08	\$50/hour \$50/hour \$50/hour \$50/hour		EE Options Only	None
		11/1/01-10/31/02 11/1/02-10/31/03	\$50/hour \$50/hour	7/19/95 4/27/01 10/14/02		

					EE & Director	0. 0 .
					Options Issued	Shares Owned
MILLS	,		Employee		Beginning	Beginning
(EE & Director)	Dr. Randell	-	Salary	-	9/9/96	1991
		3/30/05-3/29/06	\$80/hour			
NANSTEEL		3/30/06-3/29/07	\$80/hour	8/24/2005	EE Options	
(EE & Consultant)	Dr. Meds W.	3/30/07-8/31/08	\$80/hour		Only	None
NESTEROV						
(Moscow Power						
Engineering	,					
Institute)	Dr. S.B.	-	-	-	None	None
NIEDRA						
(NASA)	Dr. J.	-	-	-	None	None
NONINSKI						
(Brookhaven)	Dr. V.	-	-	-	None	None
ONUMA			Employee		EE Options	
(Employee)	Dr. Takeyoshi	-	Salary	-	Only	None
1						Purchased shares
	! 1		•			9/20/96 &
]	ļ			Ontions arantad	
					Options granted	shares
					4/7/97 to 4/27/98;	
					•	to ScottishPower
					some options	Ventures, Inc.
PACIFICORP		•	-	<u>-</u>	expired	6/21/07
PETERSON						A1
(Westinghouse)	Dr. S.H.	-	-	-	None	None
		2/1/96-1/31/97	\$100/hour	1		
		1/1/97-4/30/97	Options Only	4/26/95		•
		3/15/00-3/18/00	\$5,000	5/9/00		
		10/8/01-4/8/02	\$125/hour	5/9/00		
		4/8/02-10/8/02	\$125/hour			
		10/9/02-10/8/03	\$125/hour			
		10/9/03-10/8/04	\$100/hour		Options granted	
	•	10/9/04-10/8/05	\$100/hour	1	9/9/96-1/14/06;	Some options
PHILLIPS		10/9/05-10/8/06	\$100/hour		some options	exercised
(PSU,UNM,LANL)	Dr. Jonathan	10/9/06-10/807	\$100/hour		exercised	9/1/06 & 2/20/07
RAY			Employee		EE Options	
(Employee)	Dr. Paresh	-	Salary		Only	None
SANKAR	D7.	3/17/03-3/16/04	\$50/hour		EE Options	
(EE & Consultant)	Jayasico .	3/22/04-3/21/05	\$50/hour	-	Only	None
			:			
SAVOYE						
(MIT Lincoln Labs)	Dr. G.W.	•	-	-	None	None
		1/5/05-1/4/06	\$800/day			
SCHARER		1/5/06-1/4/07	\$100/hour			
(U Wisconsin)	Dr. John	1/5/07-1/4/08	\$110/hour	11/14/2005	None	None
SCHMALZEL	40ju (F	6/10/02-10/31/02	\$10			
(Rowan U)	എമുധാ 🕝	(contract)	non-material	12/31/2002	None	None
SHANNON			Employee		EE Options]
(Employee)	Tina	-	Salary	-	Only	None
SHAUBACH						
(Thermacore)	Dr. R.M.	-	-	-	None	None
SIMMONS						
(Lehigh U)	Dr. G.	-	-	-	None	None
TREMBLAY						
(Chalk River Labs)	Dr. R.P.	1 -		1 -	None	None

TURNER	D. C			_	None	None
Spectral Data)	Dr. Gary L.	•	-			INOTIE
/OIGT	Dr.				EE Options	
EE & Consultant)	Andreas	8/27/04-8/26/05	\$50/hour	-	Only	None
WATTS						
INEL)	Dr. K.D.	-	-	-	None	None
WEISMANN	Dr. H.	-	-	-	None	None
WIESMANN	Dr. H.	-	-	_	-	-
WRUBEL						
(INP Greifswald)	Dr. Th.	-	-	-	None	None
ZEA			Employee		EE Options	
(Employee)	Dr. Hugo	-	Salary	-	Only	None

,

ATTACHMENT B

MASTER LIST OF CITED AND SUBMITTED DOCUMENTS

U.S. Patent Document		Name of Patentee of Applicant	Date of Publication of Cited Document
Code ^w Number	Kind (if known	of Cited Document	MM-DD-YYYY
1,001,589		Hatfield	08-23-1911
2,708,656		Fermi	05-17-1955
3,253,884		Jung, et al.	05-31-1966
3,297,484		Niedrach	01-10-1967
3,300,345		Lyons	01-24-1967
3,359,422		Pollock	12-19-1967
3,377,265		Caeser	04-09-1968
3,448,035		Serfass	06-03-1969
3,462,622		Cann et al.	08-1969
3,669,745		Beccu	06-13-1972
3,701,632		Lovelock	10-31-1972
3,755,128		Herwig	08-28-1973
3,816,192	,	Brower	06-11-1974
3,835,019		Lovelock	09-10-1974
3,917,520		Katz	11-04-1975
4,000,036		Ensley	12-1976
4,095,118		Rathbun	06-1978
4,149,931		Christensen	04-1979
4,155,712		Taschek	05-22-1979
4,202,004		Anderson	05-1980
4,265,720	,	Winstel	0505-1981
4,274,938		Schulten	06-23-1981
4,327,071		Chiu	04-27-1982
4,337,126		Gilligan, III et al.	06-29-1982
4,353,871		Bartilt, et al.	10-12-1982
4,464,990		Bendler	08-14-1984
4,487,670		Bellanger	12-11-1984
4,488,490		Betts	12-18-1984

4,512,966	Nelson	04-23-1985
4,568,568	Asano	02-04-1986
4,664,904	Wolfrum	05-12-1987
4,694,755	Ibarra	10-22-1987
4,702,894	Cornish	10-27-1987
4,737,249	Shepard Jr.	04-12-1988
4,774,065	Penzorn	09-27-1988
4,792,725	Levy et al.	12-1988
4,808,286	Angelo, II	02-28-1989
4,923,770	Grasselli	05-08-1990
4,957,727	Bogdanovic	09-18-1990
4,968,395	Pavelle	11-06-1990
4,986,887	Gupta	01-22-1991
5,215,729	Buxbaum	06-01-1993
5,273,635	Gernert	12-28-1993
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